

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014222.D
 Acq On : 24 Dec 2019 00:08
 Operator : JC/SP
 Sample : K6401-01 100X
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37

Quant Time: Dec 24 08:31:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

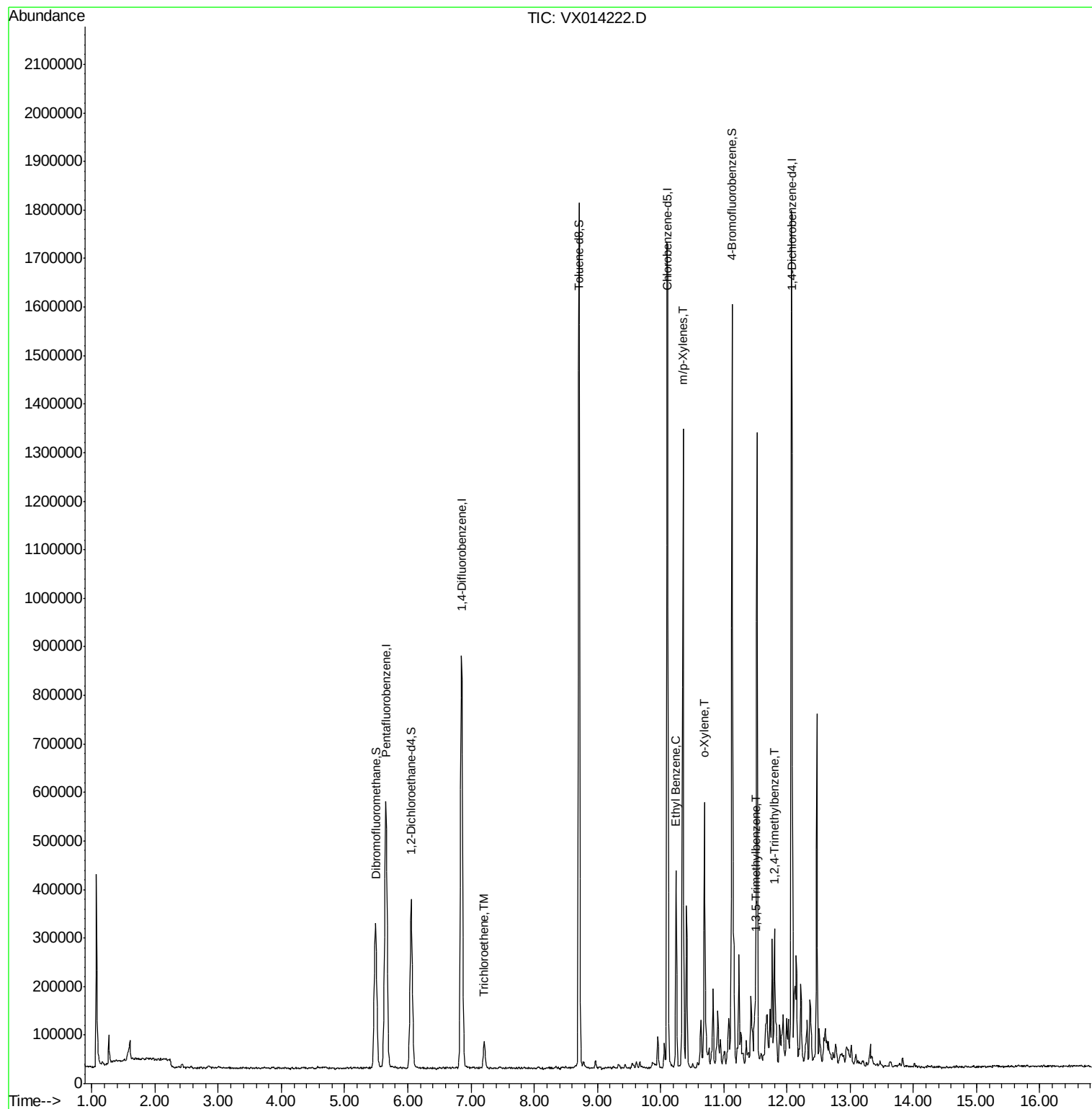
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	575991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	878654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	794960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	372883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	316752	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	262111	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1049477	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	373372	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
44) Trichloroethene	7.21	130	23523	3.433	ug/l	97
67) Ethyl Benzene	10.25	91	231638	7.971	ug/l	100
68) m/p-Xylenes	10.36	106	316934	28.356	ug/l	99
69) o-Xylene	10.70	106	118985	10.855	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	60455	2.736	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	108306	4.895	ug/l	97

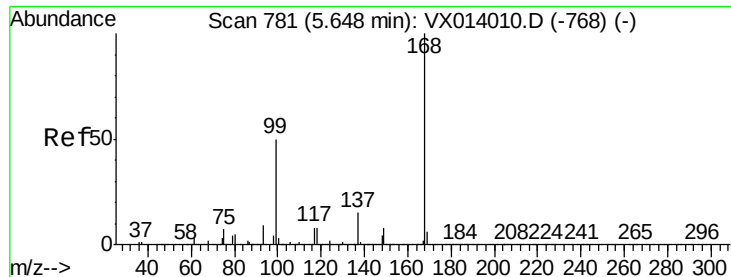
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

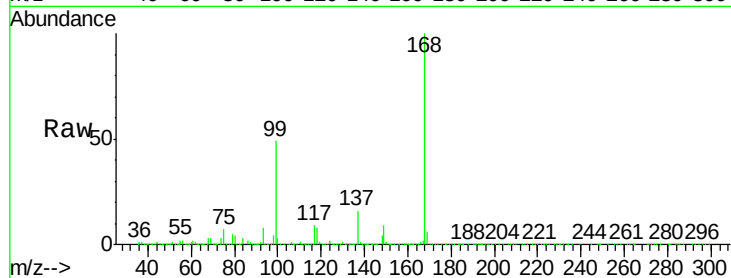
C0B37

Tot Ion:168 Resp: 575991

Ion Ratio Lower Upper

168 100

99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

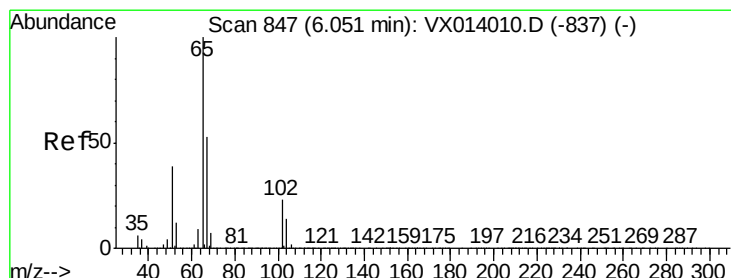
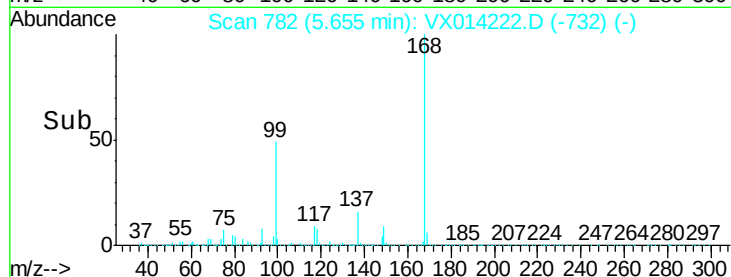
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.522 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014222.D

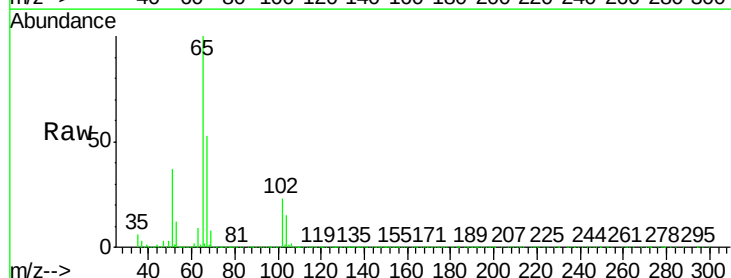
Acq: 24 Dec 2019 00:08

Tgt Ion: 65 Resp: 316752

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

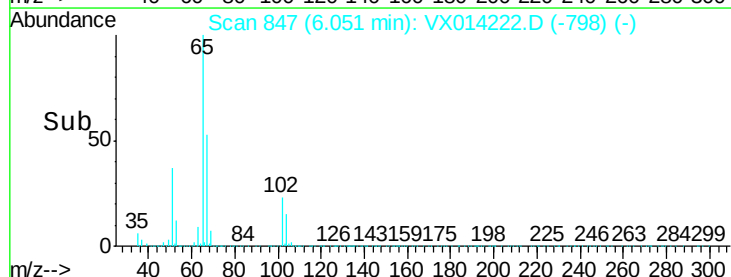
6.05

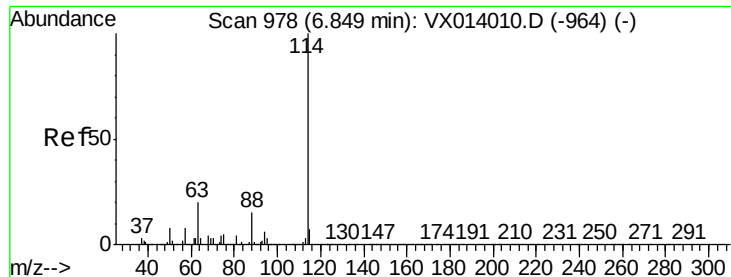
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

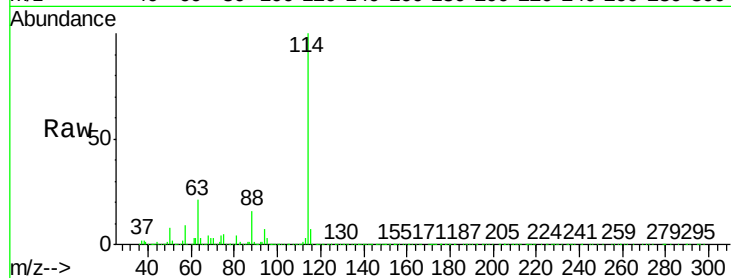
Tot Ion:114 Resp: 878654

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

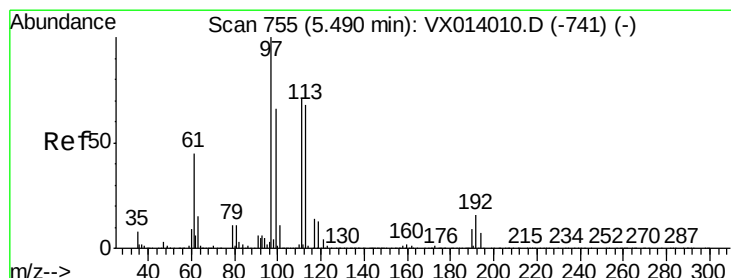
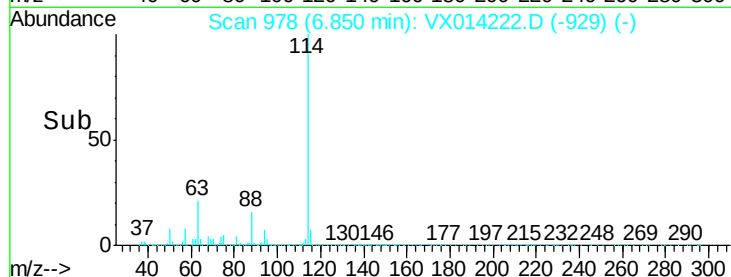
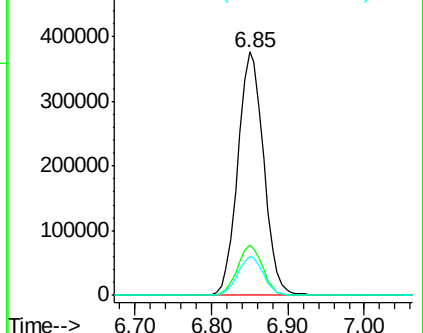
88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.073 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

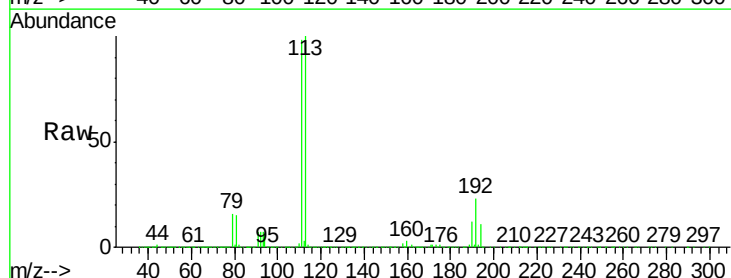
Tgt Ion:113 Resp: 262111

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

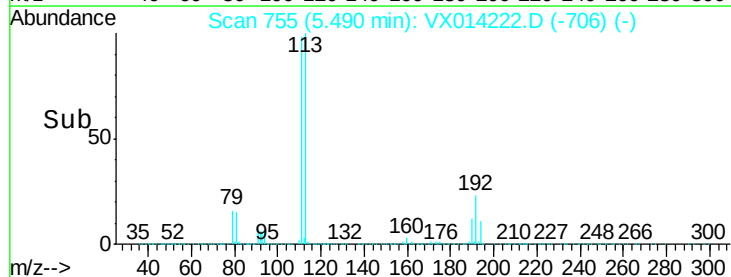
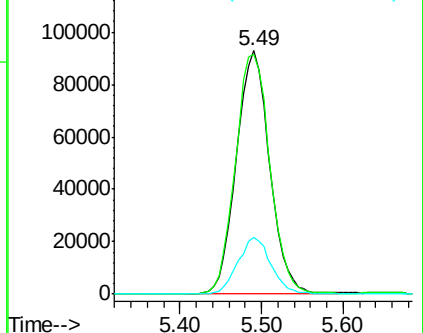
192 23.0 19.3 28.9

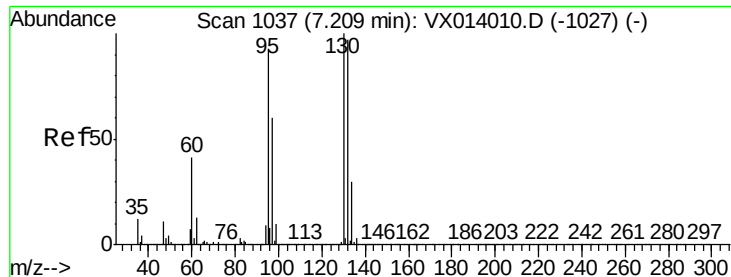


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.433 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampled :

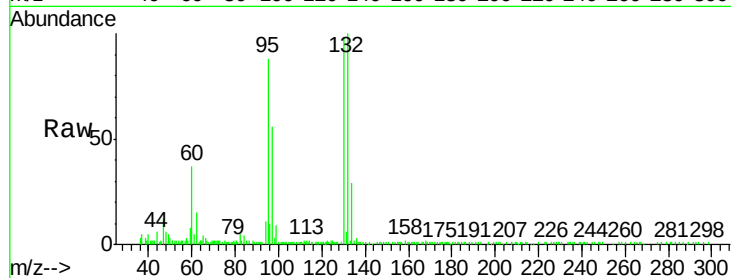
C0B37

Tot Ion:130 Resp: 23523

Ion Ratio Lower Upper

130 100

95 89.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

12000

10000

8000

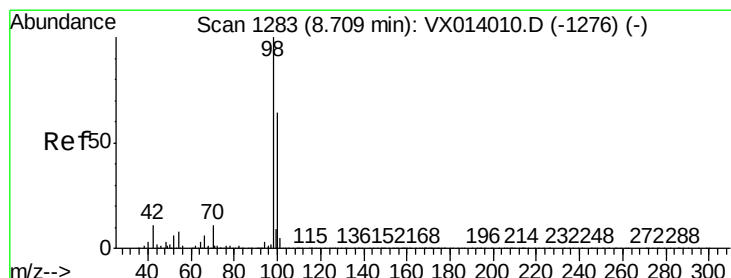
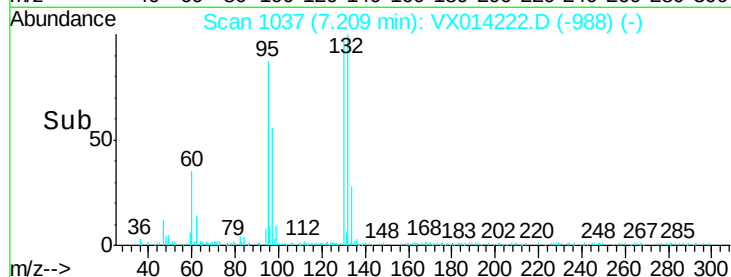
6000

4000

2000

0

Time-->



#50

Toluene-d8

Concen: 50.468 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014222.D

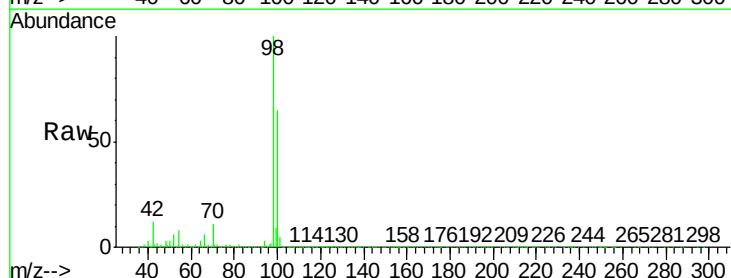
Acq: 24 Dec 2019 00:08

Tgt Ion: 98 Resp: 1049477

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

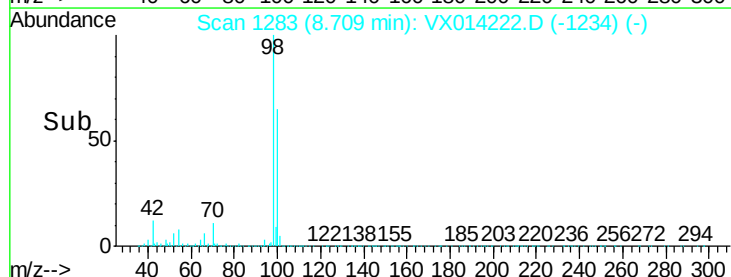
600000

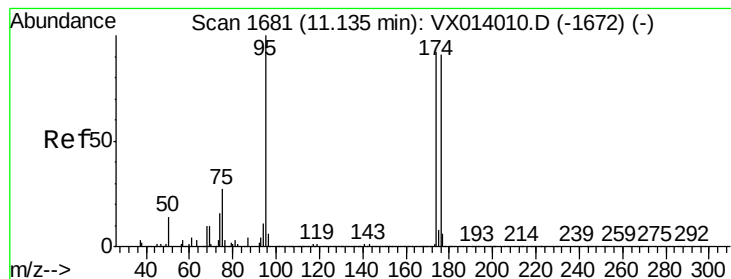
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.119 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampleId :

C0B37

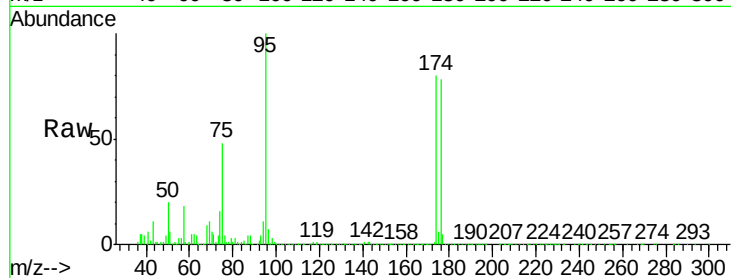
Tot Ion: 95 Resp: 373372

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 85.0 0.0 173.0

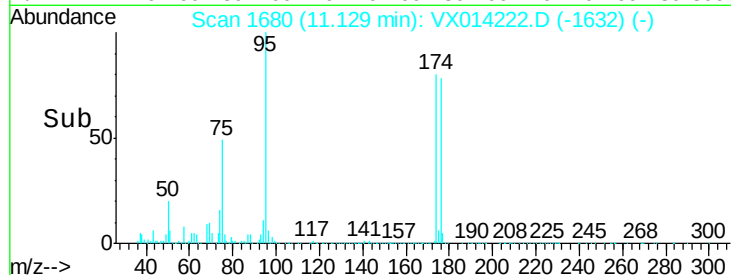


Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)

Time-->



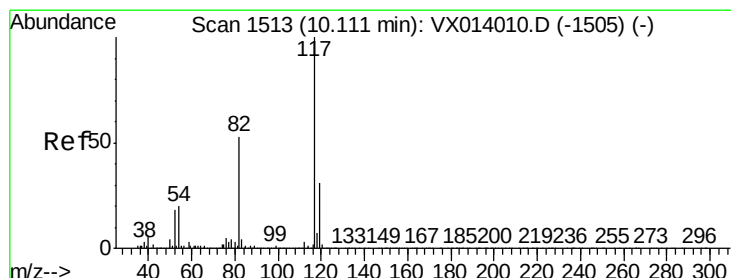
Abundance

Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

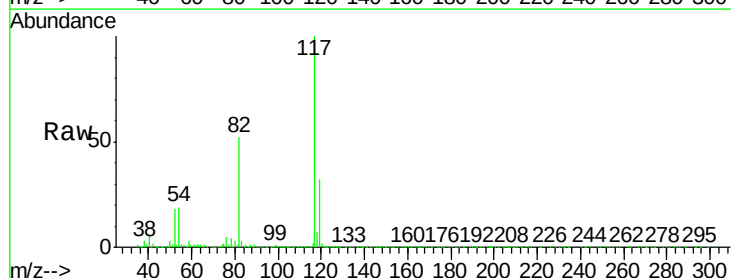
Tgt Ion: 117 Resp: 794960

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

119 31.7 25.1 37.7

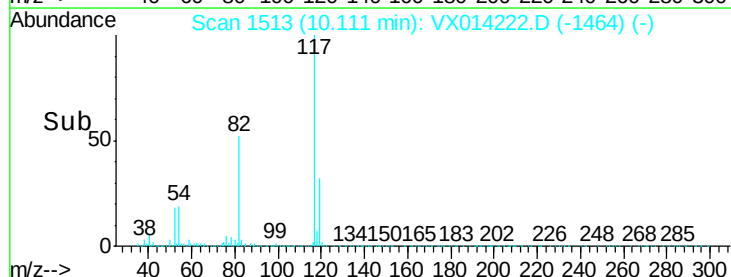


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)

Time-->



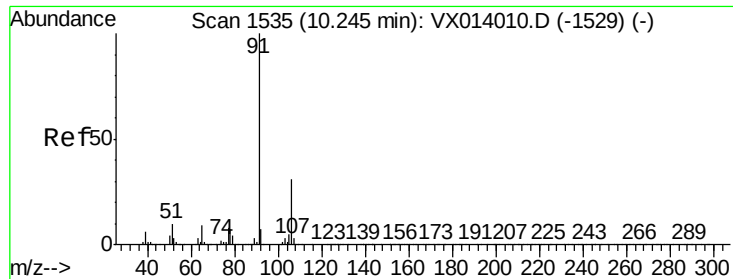
Abundance

Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)

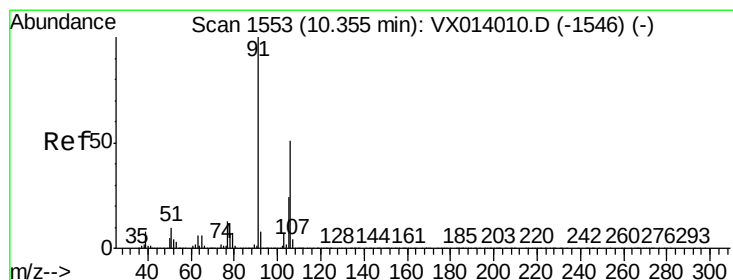
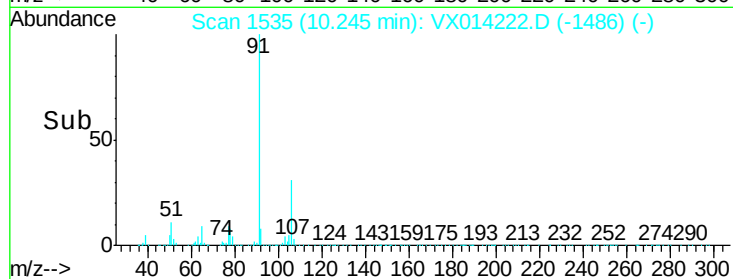
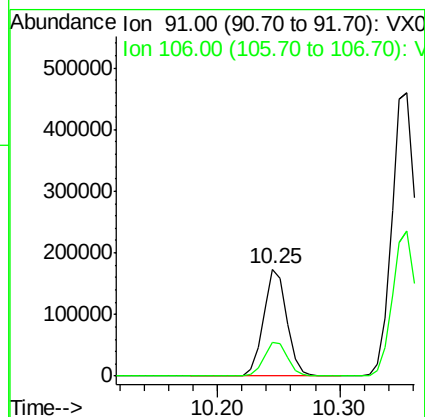
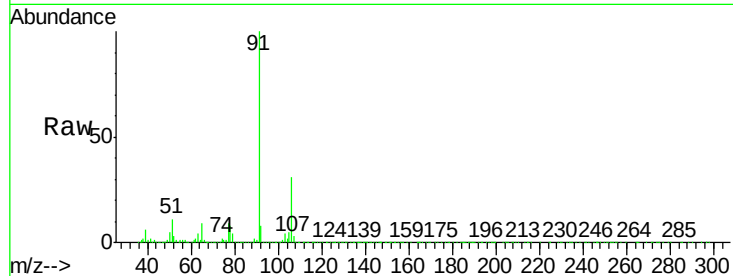
Time-->



#67
Ethyl Benzene
Concen: 7.971 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

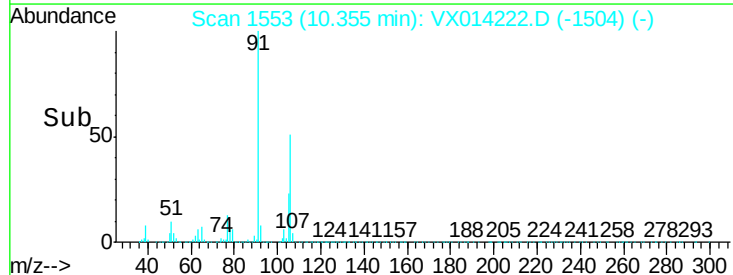
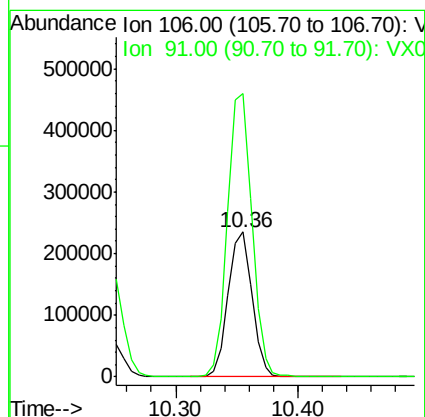
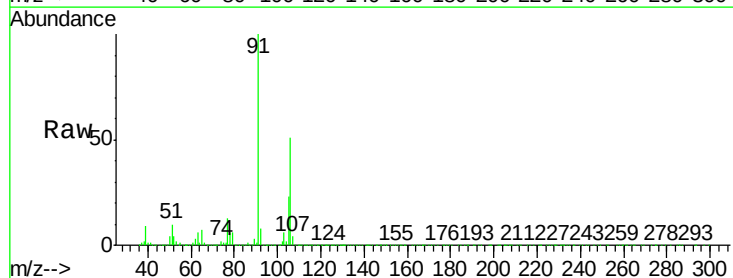
Instrument :
MSVOA_X
ClientSampled :
C0B37

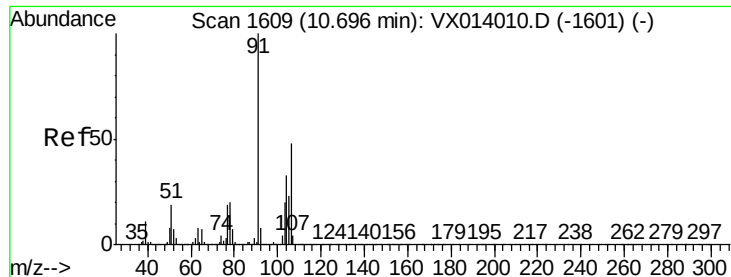
Tot Ion: 91 Resp: 231638
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 28.356 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

Tgt Ion: 106 Resp: 316934
Ion Ratio Lower Upper
106 100
91 200.5 158.6 238.0

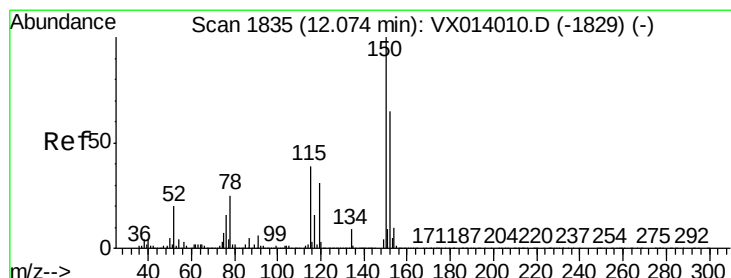
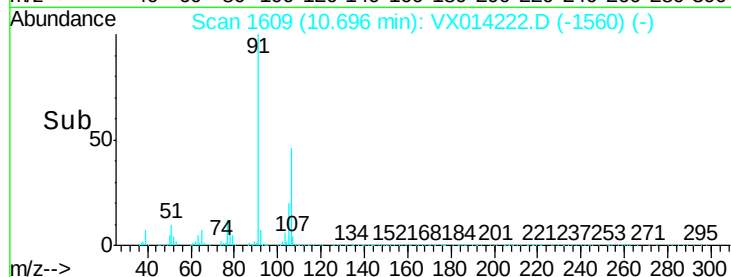
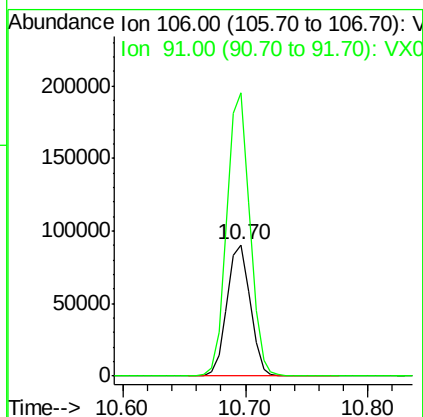
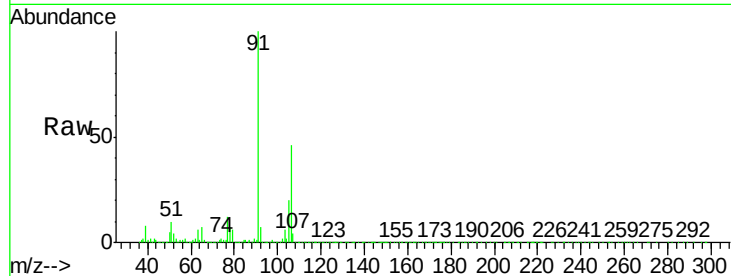




#69
o-Xylene
Concen: 10.855 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

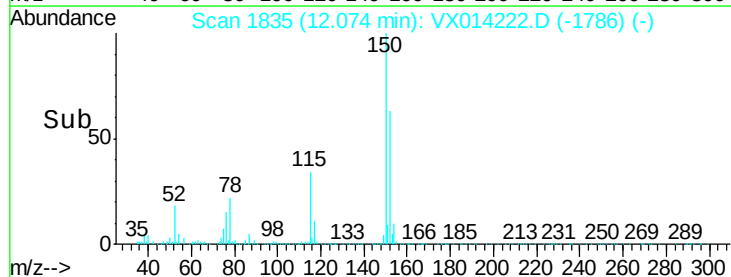
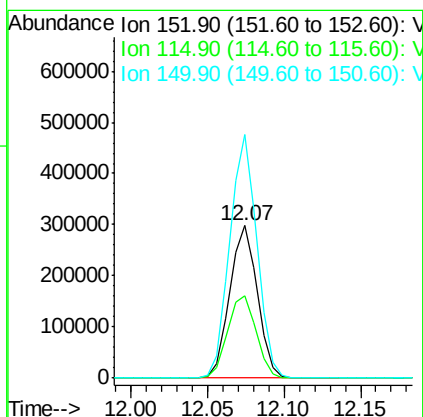
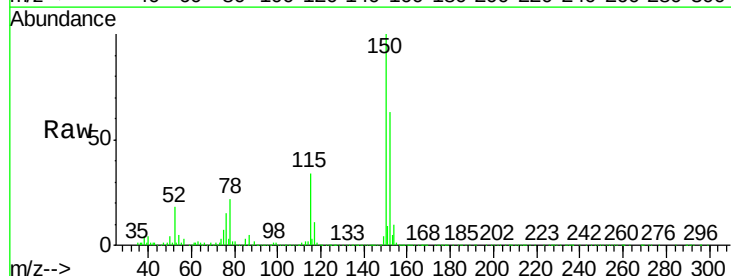
Instrument :
MSVOA_X
ClientSampleId :
C0B37

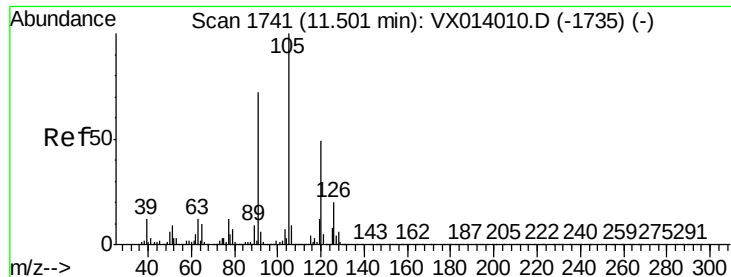
Tot Ion:106 Resp: 118985
Ion Ratio Lower Upper
106 100
91 212.1 104.2 312.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014222.D
Acq: 24 Dec 2019 00:08

Tgt Ion:152 Resp: 372883
Ion Ratio Lower Upper
152 100
115 55.9 38.3 114.9
150 157.2 0.0 345.4





#80

1,3,5-Trimethylbenzene

Concen: 2.736 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Instrument :

MSVOA_X

ClientSampled :

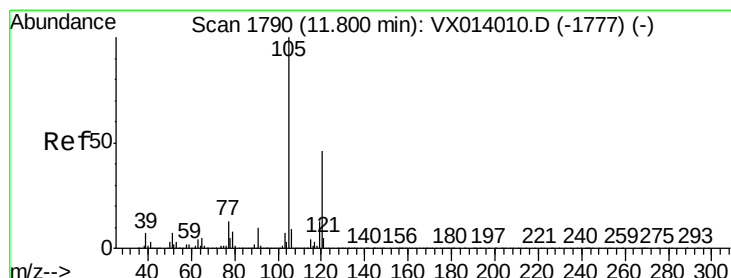
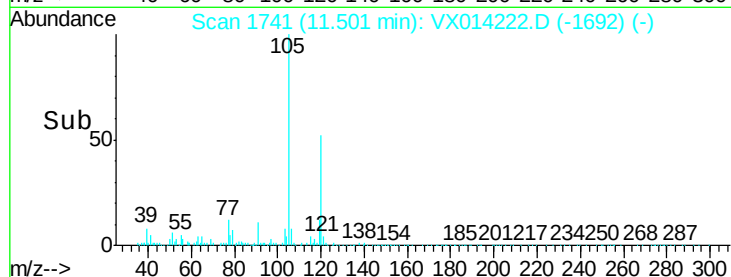
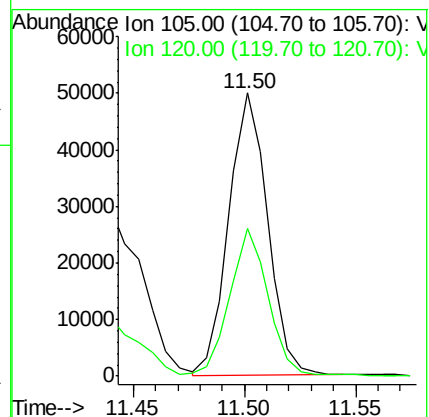
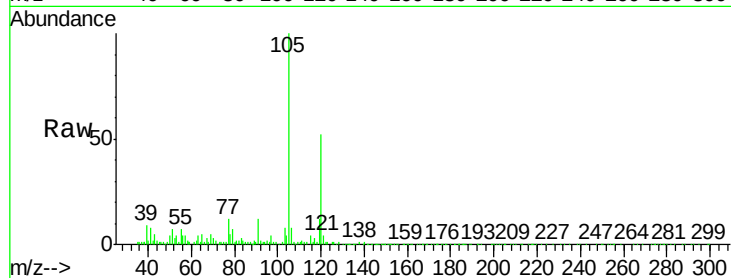
C0B37

Tot Ion:105 Resp: 60455

Ion Ratio Lower Upper

105 100

120 51.8 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 4.895 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014222.D

Acq: 24 Dec 2019 00:08

Tgt Ion:105 Resp: 108306

Ion Ratio Lower Upper

105 100

120 48.3 23.1 69.2

